SIEMENS

Siremobil Iso-C / Powermobil

SP

Update Instructions SP010/03/S

Title: Horizont. swivel, improvement of the end stop

Reason for update:	☒ Safety		
Urgency:	☒ Immediate	☐ Within	3 months
Update materials required?	☒ Yes	☐ No	
Materials free of charge?	☒ Yes	☐ No	
Return of parts?	☐ Yes	☒ No	
Estimated completion time:		Number of CSE's:	
Customer application training?	☐ Yes	☒ No	

Systems/Products affected/System identifying IVK

Name	Material No.	Serial No.
SIREMOBIL Iso-C	28 29 450	1750 - 1764,1792, 1793, 1794, 1796, 1797, 1799
POWERMOBIL	28 30 011	1079, 1080, 1084, 1085, 1086

Remark: n.a.

Components affected/to be modified/IVK

Name	Material No.	Serial No.	Component status affected
n.a.	n.a.	n.a.	n.a.

Remark: n.a.

Chg. Ref. No.: 124433
Name: Arnold
Dept.: CS PS 24

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Please contact your local Siemens office to order current revision levels.

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Systems/Products Affected

Product	Part no.	Serial no.
SIREMOBIL Iso-C	28 29 450	1750 - 1764,1792, 1793, 1794,1796, 1797,1799
POWERMOBIL	28 30 011	1079, 1080,1084, 1085, 1086

Reason for the Update

Based on a changed galvanic process of the swivel movement end stop (casting), the torque of the clamping screw must be improved. Therefore the clamping screw must be replaced.

Prerequisites

n.a.

Special Tools / Documents

Standard service tools

1 Allen key set

1 Torque wrench (calibrated) for 32 Nm

1 Torque wrench extension of at least 250 mm length

1 Allen socket 6mm

1 Vacuum cleaner

1 Ground wire tester e. g. 44 15 899

Ordering Information

The following update kit has to be ordered from CSML (SAP Distribution Channel, factory 2050) or BU Logistics (factory BU) (only with an order via BU Logistics):

Update Kit 56 44 989

Contents of the Update Kit

Update kit **56 44 989** contains the following parts:

Pos.	Quan.	Material No.	Name
1	1	n.a.	Screw M8x 60 DIN 912-10.9
2	1	n.a.	Screw tap holder
3	1	n.a.	Screw tap M8
4	1	SPR2-230.896.06.01	Update Instructions

Tab. 1

Return of Parts

n.a.

General Safety Note

⚠WARNING

Avoidance of slight to serious (possibly fatal) injuries and avoidance of material damage.

Observe the product-specific safety information contained in the System Binder and in the Service Instructions SPR2-240.898.01... or SPR2-230.061.01... as well as the safety notes in ARTD Part 2.

After all work has been completed and all covers have been attached, perform the ground wire test according to ARTD-002.731.17.
The ground wire resistance must not exceed 0.2 ohms.

Work Steps

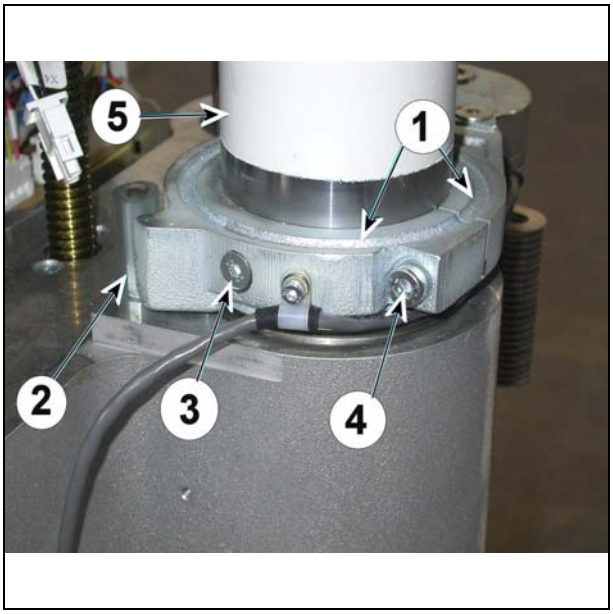

Fig. 1

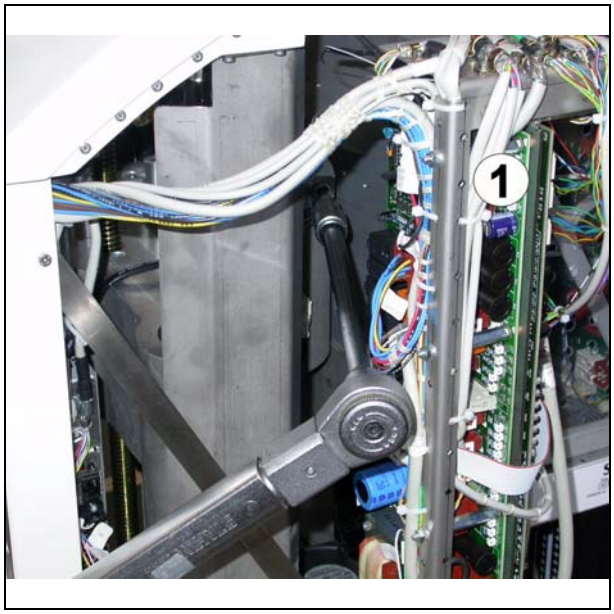

Fig. 2

- Switch the system on.
- Move the lifting column to the center height.
- Switch the system off and disconnect it from the power supply.
- Remove the cover of the C-arm chassis.
- If a POWERMOBIL system is used, also release the lock of the host frame and pull the frame out into the service position (D1 and D30, see 1/Fig. 2).
- Swivel the C-arm so that the end stop (1/Fig. 1) rests against the stop bolt (2/Fig. 1).

NOTE	**The end stop (1/Fig. 1) is fastened to the vertical tube (5/Fig. 1) with the clamping screw (4/Fig.1) (clamping). Although the fixing screw (3/Fig. 1) mainly holds the end stop in place rather than contributing to its secure attachment on the vertical tube, a damaged fixing screw indicates insufficient attachment of the end stop to the vertical tube.**

- Check the fixing screw (3/Fig. 1).
  The screw must not be missing or have been pulled off.

NOTE	**If the fixing screw (3/Fig. 1) has been pulled off or is missing, shut the system down and contact the factory regarding repair via your local USC/ TSC.**

- Remove the clamping screw (4/Fig. 1), using a 6 mm Allen key.

⚠WARNING	**Avoidance of slight to serious (possibly fatal) injuries and avoidance of material damage.** **After removing of the clamping screw (4/Fig. 1), move the C-arm only slightly to prevent the breakage of the fixing screw (3/Fig. 1).**

- Insert the new clamping screw. The screw must turn in smoothly.

⚠WARNING	**Avoidance of light to serious (possibly fatal) injuries and avoidance of material damage.** **If the screw can only be turned in with an increased force, the thread depth in the tapped hole is too short. In this case remove the screw and tap the hole deeper, using the screw tap 8 mm. Turn the screw tap always 1/4 rotation clockwise and then a little bit back to break the metal chip. Clean the tapped hole and the housing with a vacuum cleaner. Insert the new clamping screw.**

- Tighten the screw with 32Nm, using the torque wrench, the extension and the 6mm Allen socket.

NOTE	**Fig. 2 shows the accessibility to the clamping screw (4/Fig. 1) for POWERMOBIL systems.**

- If a POWERMOBIL system is used, push the host frame back in and fasten it.
- Close the cover.
- Perform a function test of the system.
  In doing so, ensure that the horizontal swivel range of the C-arm (±10°) is centric around the longitudinal axis of the C-arm chassis.

Final Check

- Perform the protective ground wire test according to ARTD-002.731.17

Customer Information

n.a.

Final Work Steps

- Fill out the enclosed form "Completion Protocol ".
  Then file the form in the corresponding system folder or operator manual.
- Updates that have already been completed prior to publication of this UI must also be reported.
- The update is reported as follows:
  - The modification reply cards (Type 606) previously distributed with the publication of updates no longer apply.
  - The modification reply report has to be prepared by authorized personnel using an application on the Intranet.

Changes to Previous Version

n.a.

Completion Protocol

The update with the number **SP010/03/S** has been completed.

Material number: .....

Serial number: .....

Customer: ..... Functional Location: .....

Customer No.: .....

Name (CSE): ..... Telephone: .....

Country: ..... Location: .....

Date: ..... Signature: .....

Remark: .....

.....

NOTE

After completing the update, make a copy of this page, fill it out and file it in the corresponding System Binder/User Manual.